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(54) PRODUCTION OF INORGANIC EXTRUSION MOLDED BODY

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**Abstract**

(57) PURPOSE: To enhance freeze-thaw performance by adding specified reinforcing fiber and water to the blended cement material consisting of cement, silica sand and clay, kneading and molding the mixture and thereafter primarily aging the molded body and applying this molded body with coating and drying it and furthermore aging it in an autoclave.

CONSTITUTION: 3 pts.wt. (hereinafter shown in part) pulp, 0.5-1.0 part methyl cellulose and 0.5-2.0 parts cellulose powder whose particle size is  $\leq 1\%$  as 25 mesh-on and  $\geq 30\%$  as 150 mesh-pass are mixed with 100 parts blended cement material consisting of cement, silica sand and clay. Furthermore a proper amount of water is added and the mixture is kneaded and extruded into a plate. Then this plate is shaped by a press and a shaped body formed into the shape of a product is primarily aged. Thereafter the shaped body is applied with coating, dried and then aged in an autoclave for a prescribed time. Thereby an inorganic extrusion molded body is obtained.

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**Bibliography**